FIG. 1

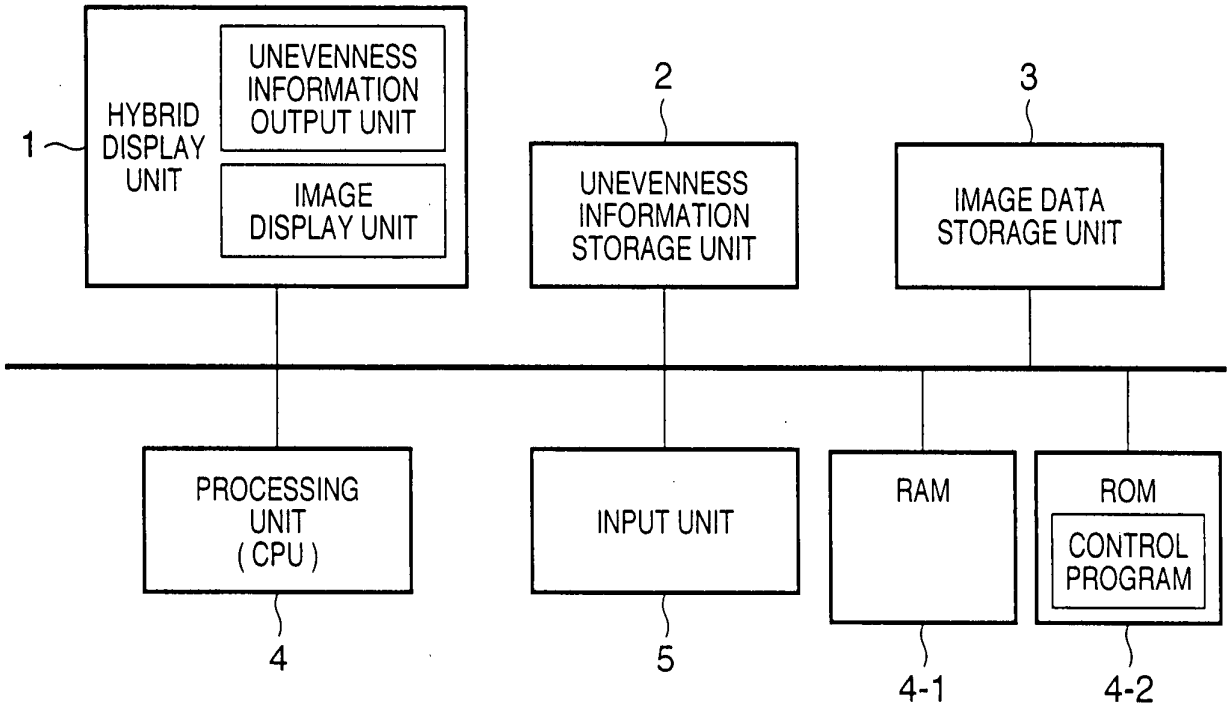

1
HYBRID DISPLAY UNIT
UNEVENNESS INFORMATION OUTPUT UNIT
IMAGE DISPLAY UNIT
2
UNEVENNESS INFORMATION STORAGE UNIT
3
IMAGE DATA STORAGE UNIT
PROCESSING UNIT (CPU)
4
INPUT UNIT
5
RAM
4-1
ROM
CONTROL PROGRAM
4-2

FIG. 2A

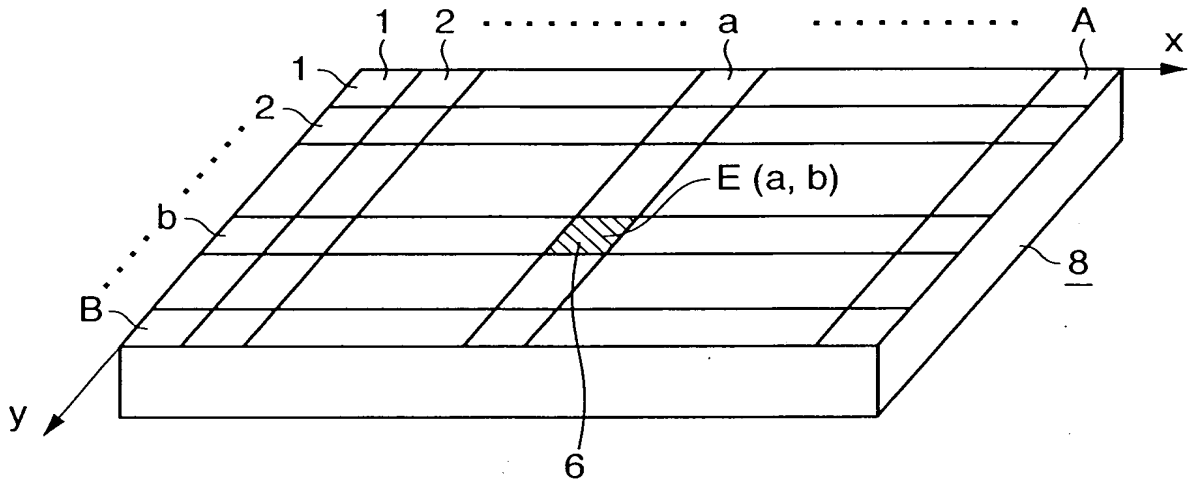


FIG. 2B

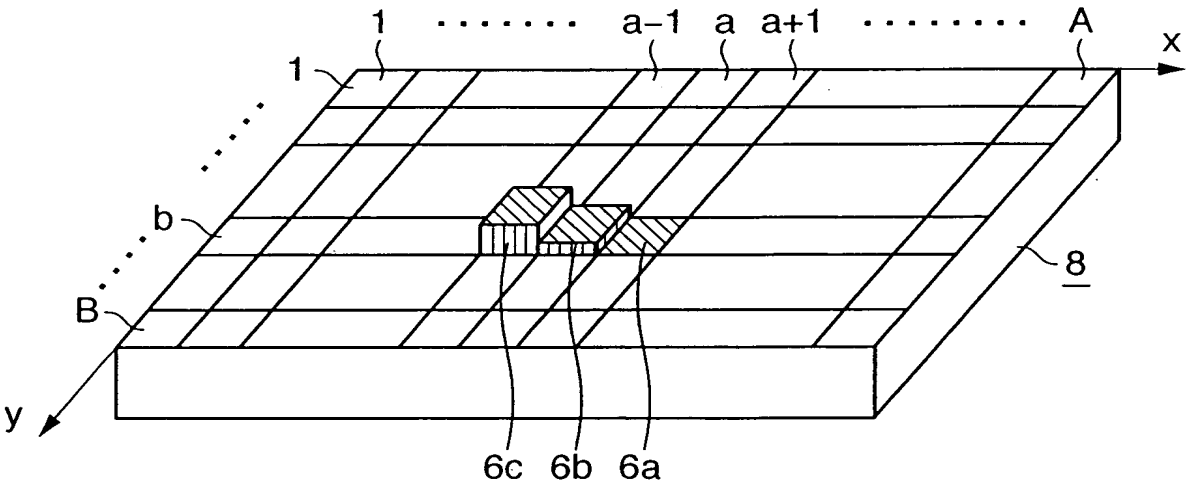


FIG. 3A

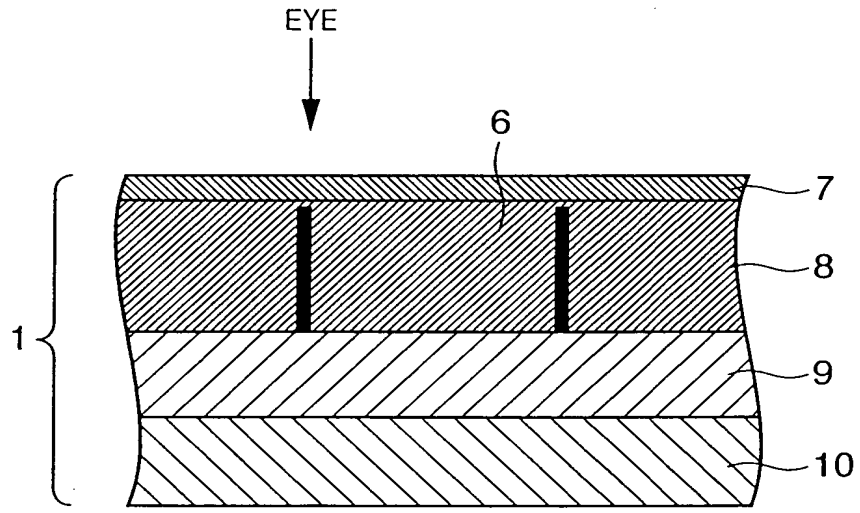
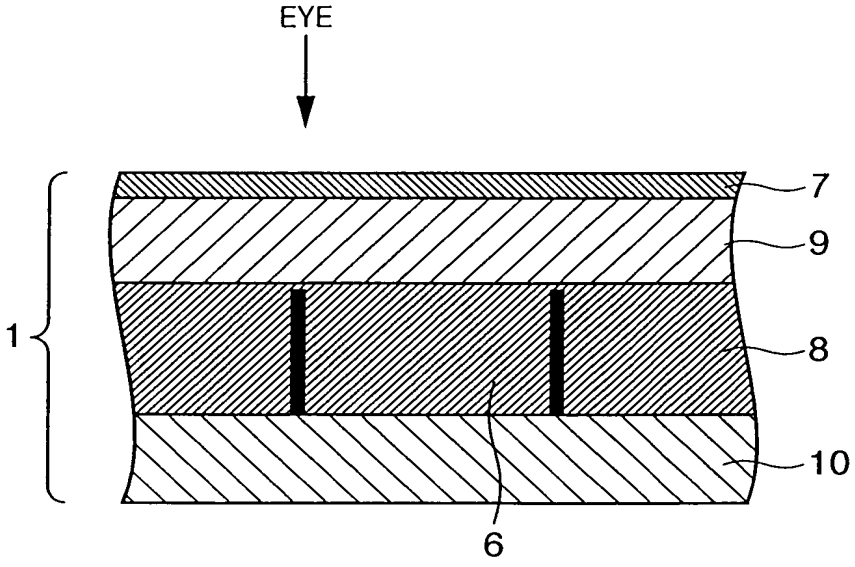


FIG. 3B



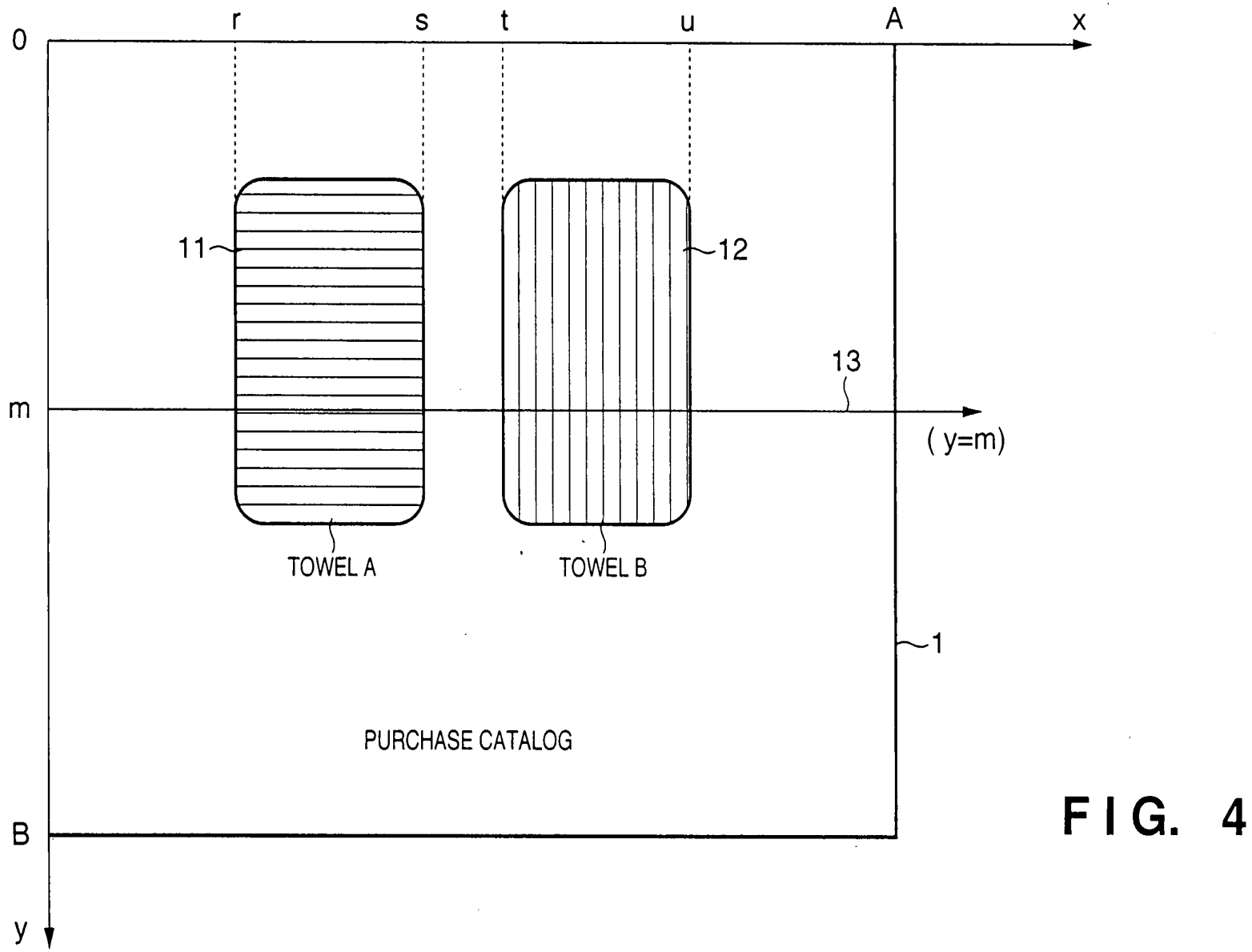


FIG. 4

FIG. 5

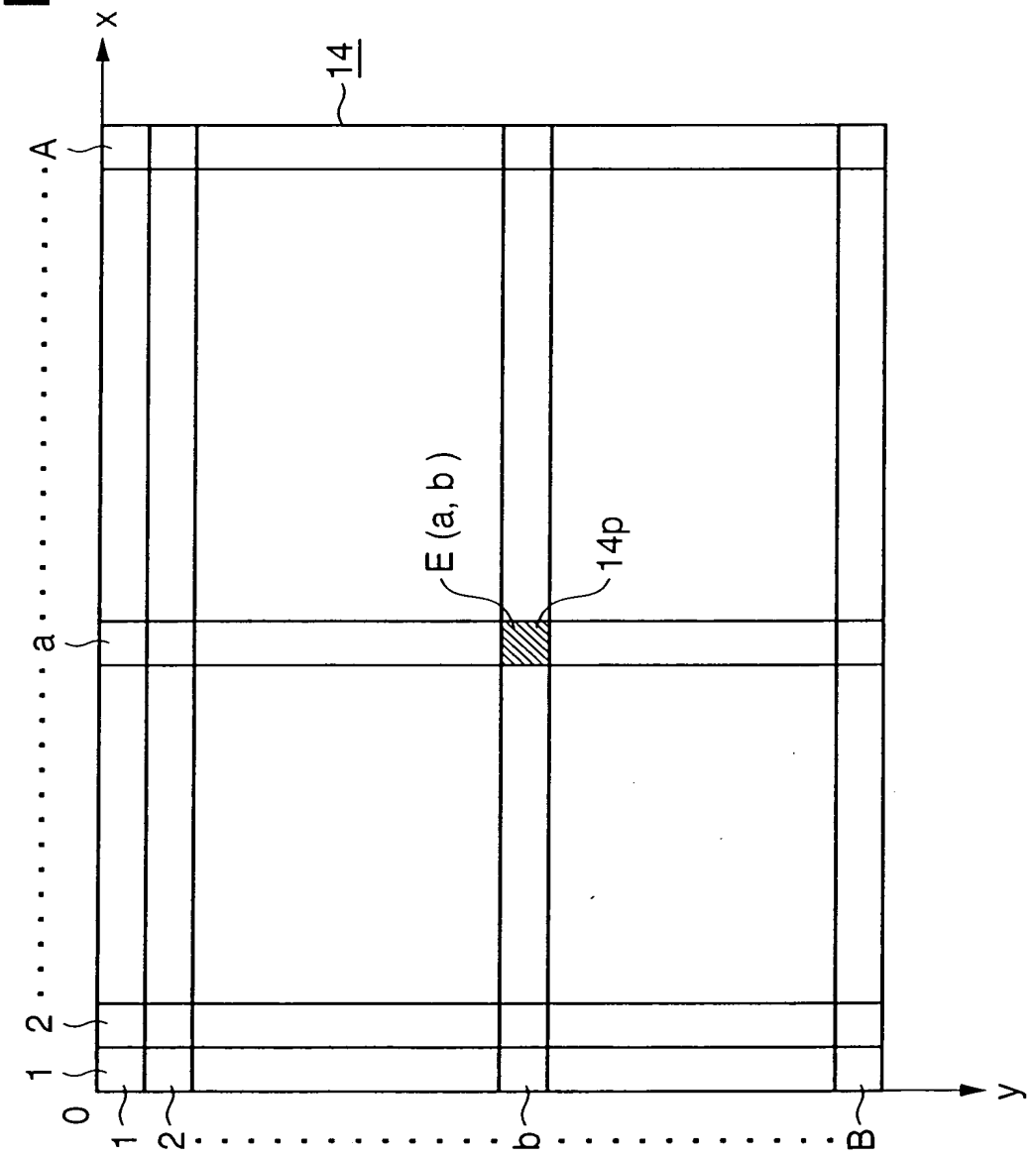


FIG. 6

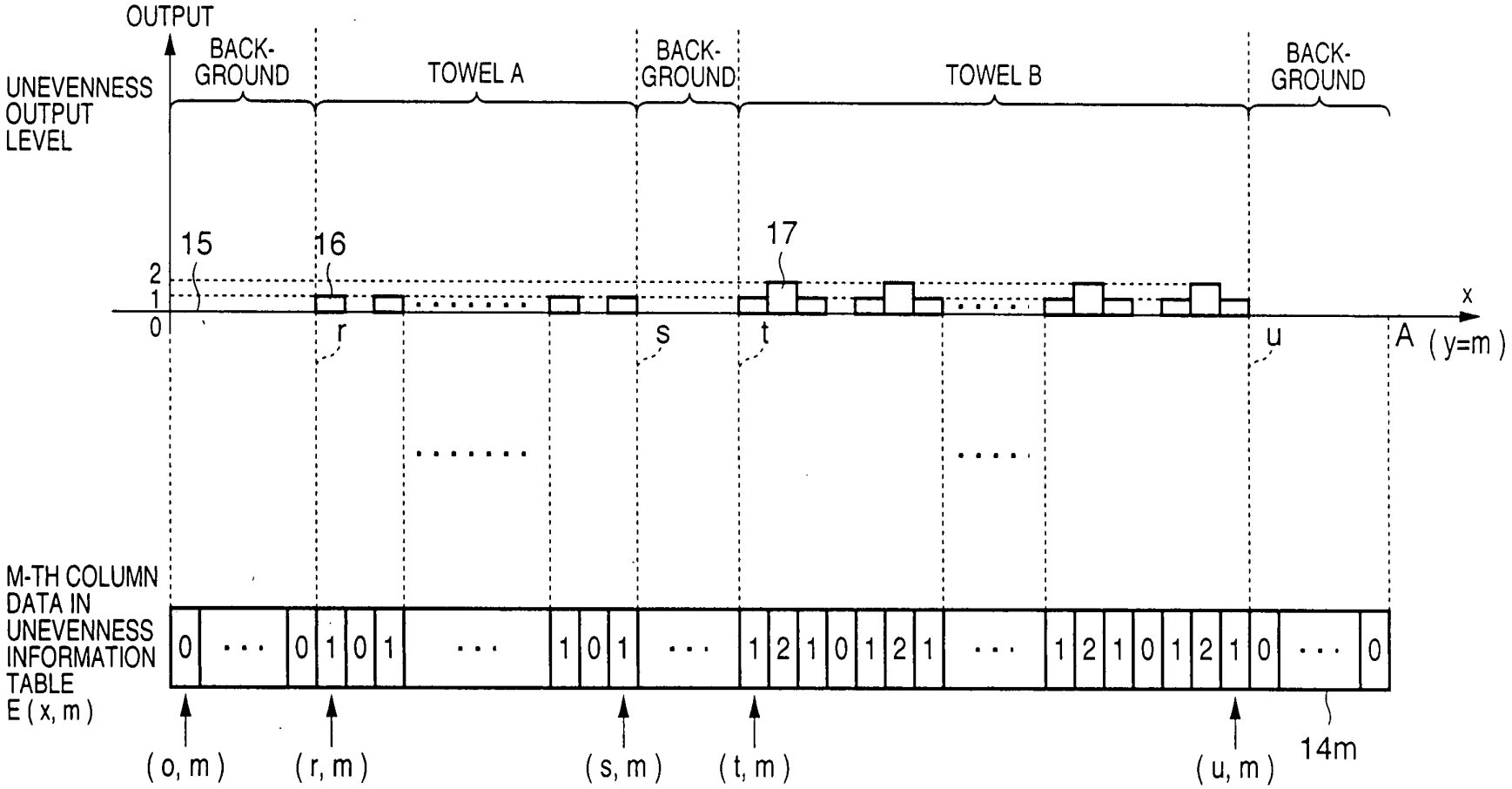

OUTPUT
UNEVENNESS OUTPUT LEVEL
BACK-GROUND
TOWEL A
BACK-GROUND
TOWEL B
BACK-GROUND
15
16
17
2
1
0
r
s
t
u
A
x
(y=m)
M-TH COLUMN DATA IN UNEVENNESS INFORMATION TABLE E(x, m)
0 · · · 0 1 0 1 · · · 1 0 1 · · · 1 2 1 0 1 2 1 · · · 1 2 1 0 1 2 1 0 · · · 0
(o, m)
(r, m)
(s, m)
(t, m)
(u, m)
14m

FIG. 7

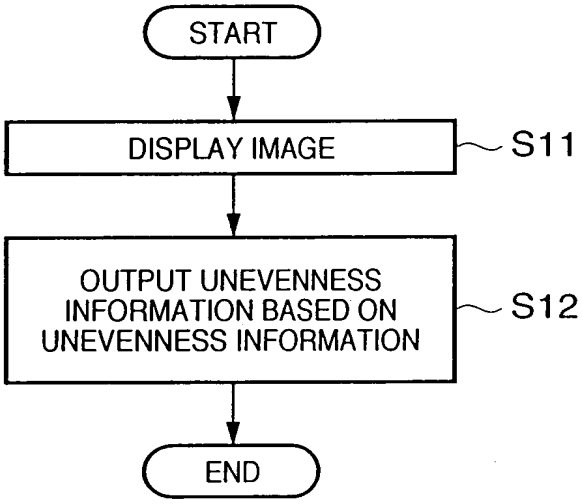

START
DISPLAY IMAGE
S11
OUTPUT UNEVENNESS INFORMATION BASED ON UNEVENNESS INFORMATION
S12
END

FIG. 8

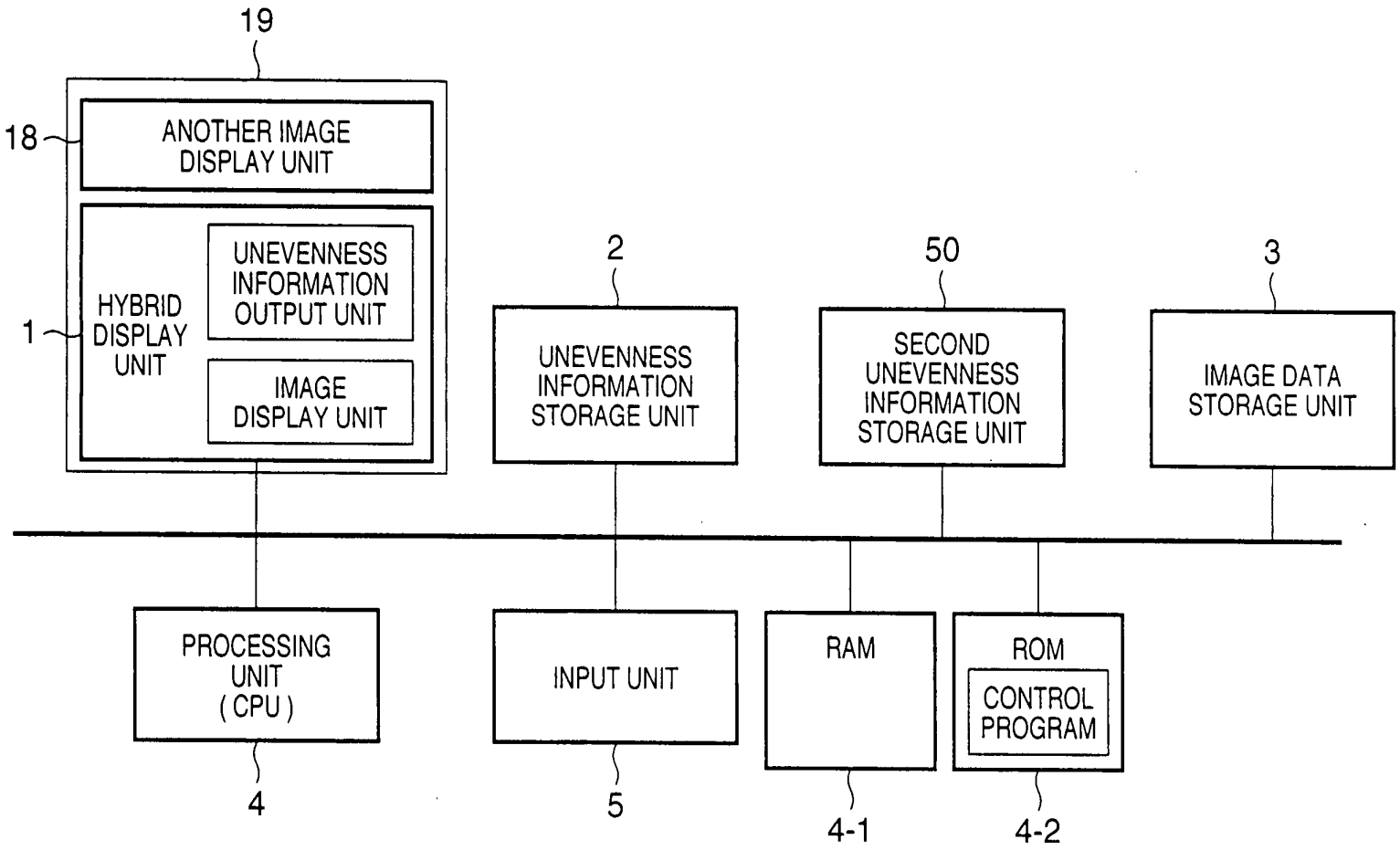

19
18
ANOTHER IMAGE DISPLAY UNIT
1
HYBRID DISPLAY UNIT
UNEVENNESS INFORMATION OUTPUT UNIT
IMAGE DISPLAY UNIT
2
UNEVENNESS INFORMATION STORAGE UNIT
50
SECOND UNEVENNESS INFORMATION STORAGE UNIT
3
IMAGE DATA STORAGE UNIT
PROCESSING UNIT (CPU)
4
INPUT UNIT
5
RAM
4-1
ROM
CONTROL PROGRAM
4-2

FIG. 9A

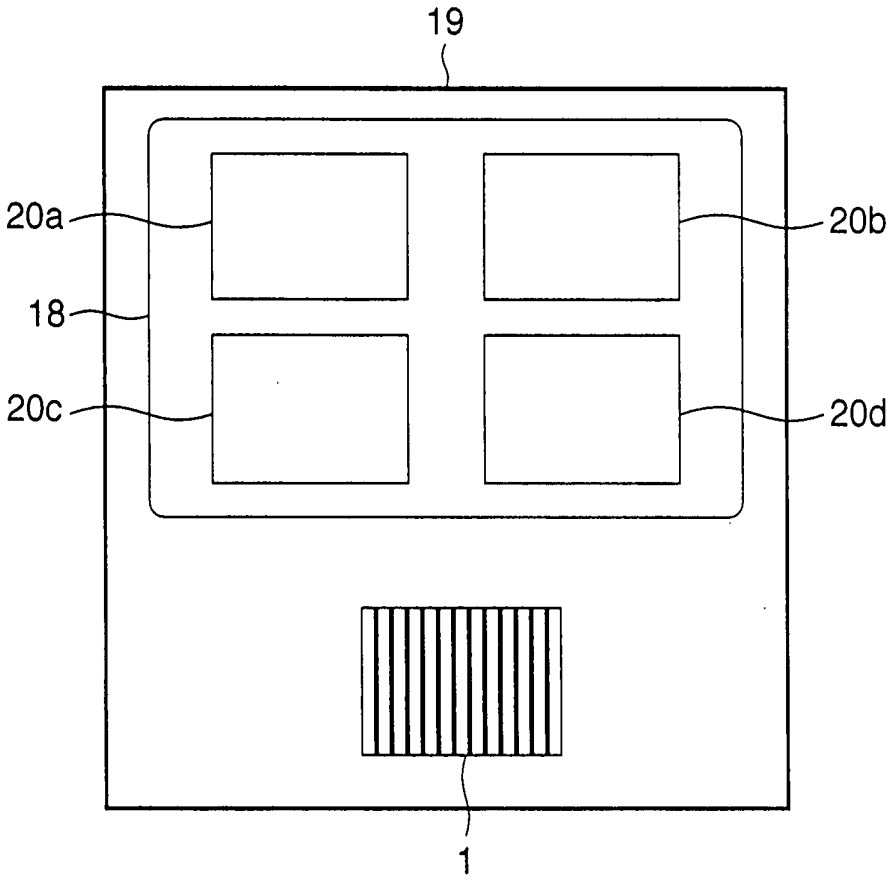


FIG. 9B

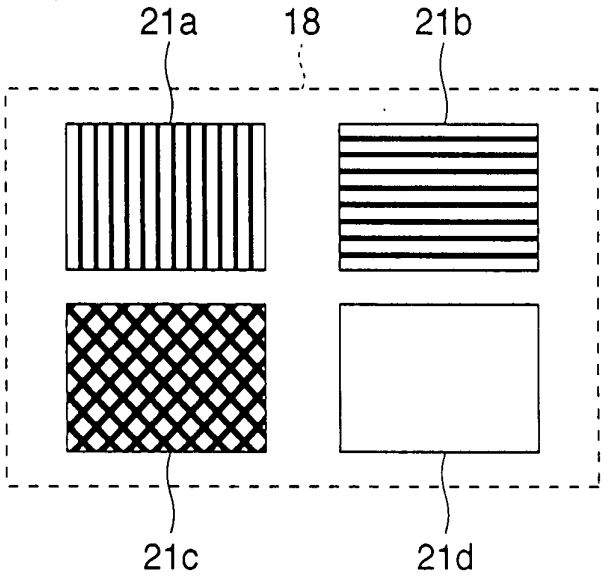


FIG. 10A

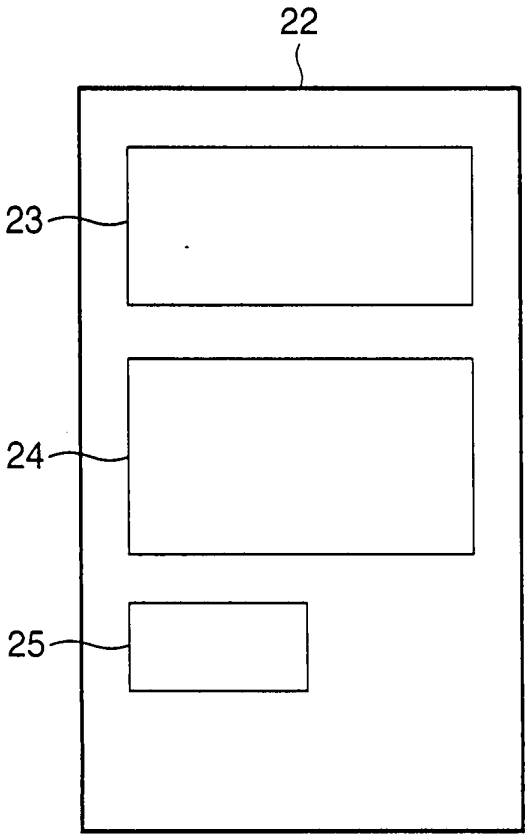


FIG. 10B

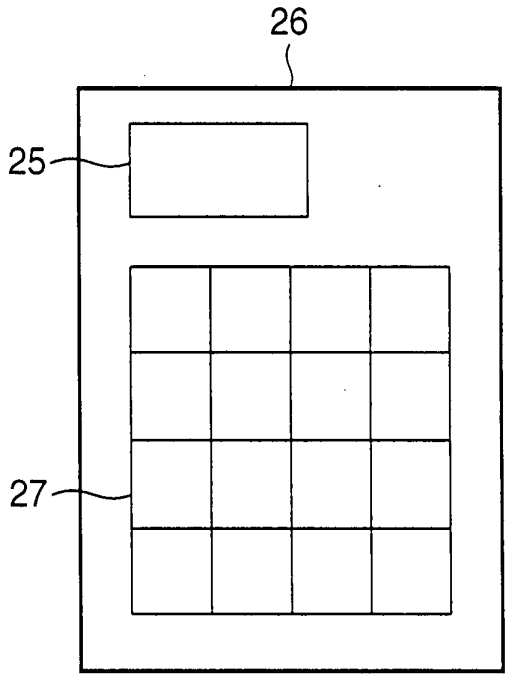


FIG. 11

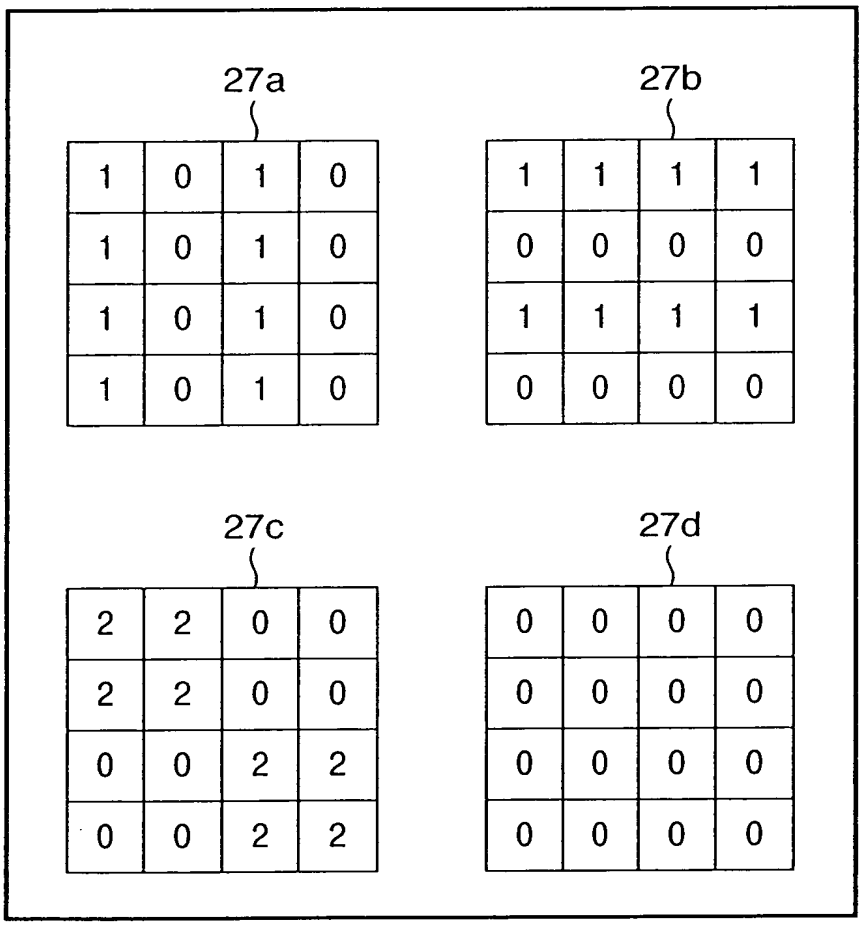

27a
1 0 1 0
1 0 1 0
1 0 1 0
1 0 1 0
27b
1 1 1 1
0 0 0 0
1 1 1 1
0 0 0 0
27c
2 2 0 0
2 2 0 0
0 0 2 2
0 0 2 2
27d
0 0 0 0
0 0 0 0
0 0 0 0
0 0 0 0

FIG. 12

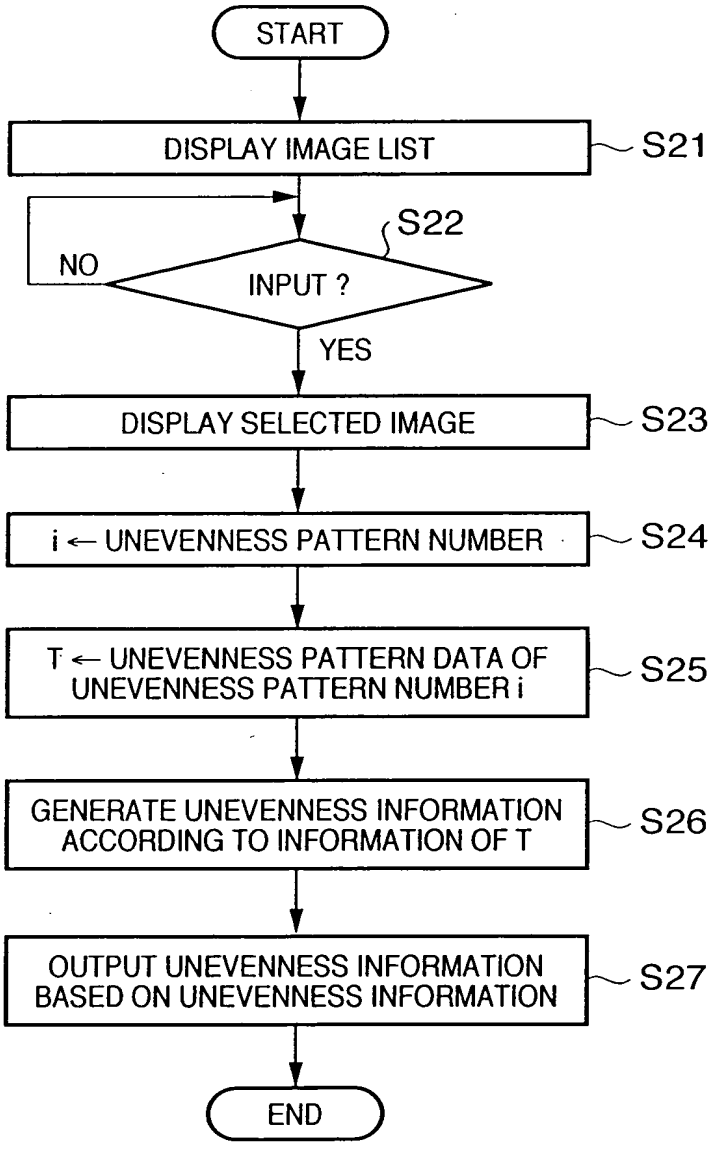

START
DISPLAY IMAGE LIST
S21
S22
NO
INPUT ?
YES
DISPLAY SELECTED IMAGE
S23
i ← UNEVENNESS PATTERN NUMBER
S24
T ← UNEVENNESS PATTERN DATA OF UNEVENNESS PATTERN NUMBER i
S25
GENERATE UNEVENNESS INFORMATION ACCORDING TO INFORMATION OF T
S26
OUTPUT UNEVENNESS INFORMATION BASED ON UNEVENNESS INFORMATION
S27
END

FIG. 13

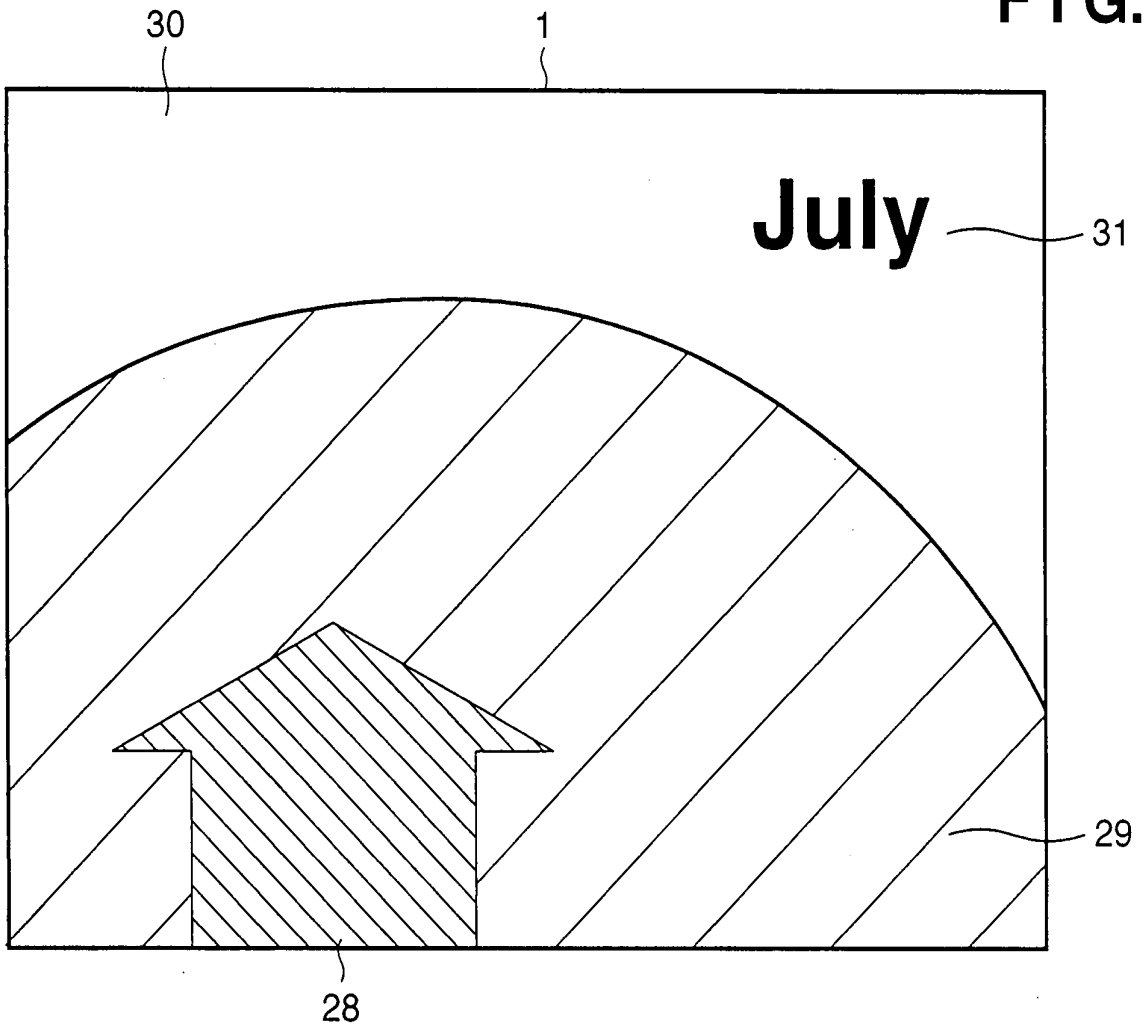
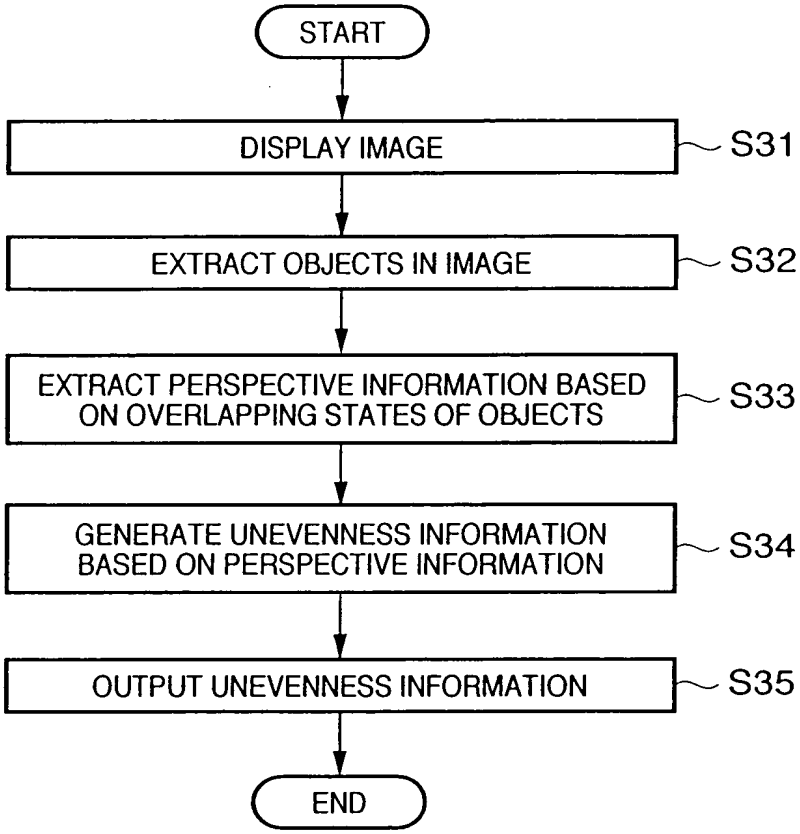


FIG. 14


START
DISPLAY IMAGE
S31
EXTRACT OBJECTS IN IMAGE
S32
EXTRACT PERSPECTIVE INFORMATION BASED ON OVERLAPPING STATES OF OBJECTS
S33
GENERATE UNEVENNESS INFORMATION BASED ON PERSPECTIVE INFORMATION
S34
OUTPUT UNEVENNESS INFORMATION
S35
END